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The marking on this product doesn't contain environmental hazardous materials per Material Specification 55-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant.



ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
C	NE-10043	MODIFIED DRAWING	03/22/2010	Roger Tsai
D	NE-10108	HOUSING MATERIAL: LCP--> NYLON 4T	07/16/2010	Roger Tsai
E	NE-12199	ADD PACKING SPECIFICATION	11/02/2010	Roger Tsai
F	NE-13042	MODIFIED PACKING DRAWING	03/26/2013	Roger Tsai
A1	NE-15101	ADDED DIM	08/27/2015	Roger Tsai
B1	NE-18050	ADDED SERIES PACKAGING/ADDED RIB OPTION	05/28/2018	Roger Tsai

NOTES:

- INSULATOR: NYLON 4T, UL 94V-0, COLOR- BLACK
- CONTACT: COPPER ALLOY, SELECTIVE GOLD OVER NICKEL PLATED
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2002/95/EC FOR RoHS.
- PER AMTA PACKING SPECIFICATION **PKS-G823MBXXX21XEU**
- RIB OPTION: POS.6/14 WITHOUT RIB, OTHERS WITH RIB.

PART NUMBER:

G823MB XX X 21 K EU

NO. OF CIRCUIT

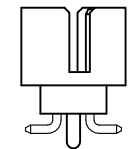
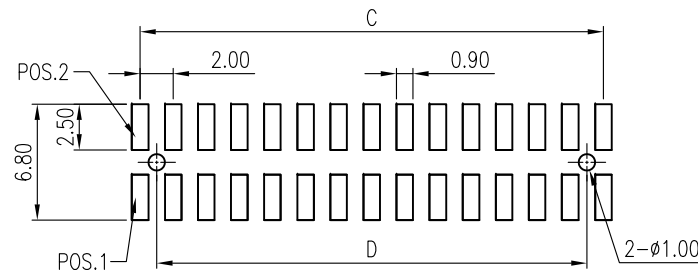
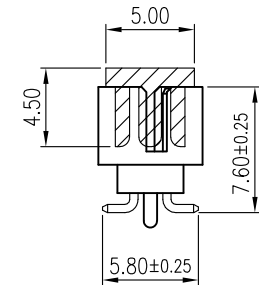
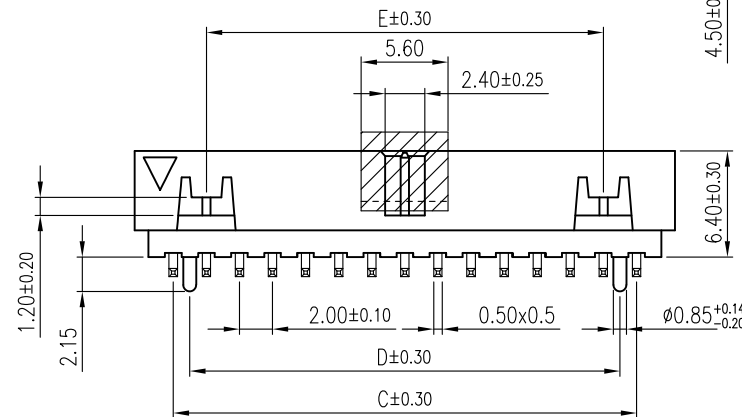
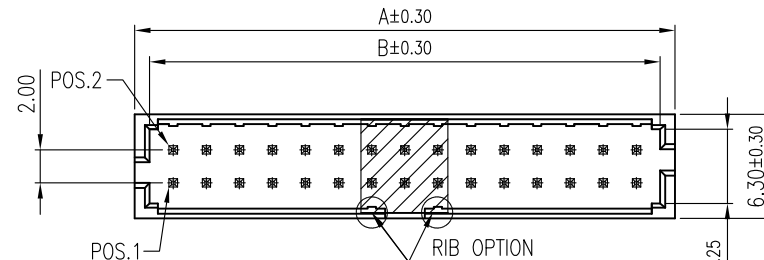
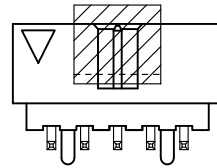
CAP OPTION

K: WITH CAP, TAPE&REEL PACKAGING

CIRCUIT SIZE: 06~12 PIN

CONTACT FINISH:

- 0: FULL TIN
- 1: FULL FLASH GOLD
- 2: FULL 15μ" GOLD
- 3: FULL 30μ" GOLD



WITHOUT CAP

RECOMMENDED P.C.B. LAYOUT
(ALL TOLERANCE ARE ±0.05MM)

PART NUMBER	NO. OF CIRCUIT	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E
G823MB 50 X 21 KEU	50	52.65	50.85	48.00	46.00	44.00
G823MB 44 X 21 KEU	44	46.65	44.85	42.00	40.00	38.00
G823MB 42 X 21 KEU	42	44.65	42.85	40.00	38.00	36.00
G823MB 38 X 21 KEU	38	40.65	38.85	36.00	34.00	32.00
G823MB 36 X 21 KEU	36	38.65	36.85	34.00	32.00	30.00
G823MB 32 X 21 KEU	32	34.65	32.85	30.00	28.00	26.00
G823MB 30 X 21 KEU	30	32.65	30.85	28.00	26.00	24.00
G823MB 28 X 21 KEU	28	30.65	28.85	26.00	24.00	22.00
G823MB 26 X 21 KEU	26	28.65	26.85	24.00	22.00	20.00
G823MB 24 X 21 KEU	24	26.65	24.85	22.00	20.00	18.00
G823MB 22 X 21 KEU	22	24.65	22.85	20.00	18.00	16.00
G823MB 20 X 21 KEU	20	22.65	20.85	18.00	16.00	14.00
G823MB 18 X 21 KEU	18	20.65	18.85	16.00	14.00	12.00
G823MB 16 X 21 KEU	16	18.65	16.85	14.00	12.00	10.00
G823MB 14 X 21 KEU	14	16.65	14.85	12.00	10.00	08.00
G823MB 12 X 21 KEU	12	14.65	12.85	10.00	8.00	-----
G823MB 10 X 21 KEU	10	12.65	10.85	8.00	6.00	-----
G823MB 08 X 21 KEU	08	10.65	8.85	6.00	4.00	-----
G823MB 06 X 21 KEU	06	8.65	6.85	4.00	2.00	-----

TOLERANCE	APPROVALS	DATE	TITLE	UNIT	SIZE	PART No.
X. ±0.30	DRAWN Aqua Chou	05/28/2018	G823 MB SERIES BOX HEADER 2.0MM PITCH, SMT W/ LOCATION POST	mm	A3	G823MBXXX21KEU
X.X ±0.20	CHECKED Karen Su	05/28/2018				
X.XX ±0.10	APPROVED Roger Tsai	05/28/2018				
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE BHD	SCALE NA	SHEET 1 OF 4	DWG No. G823MBXXX21KEU	REV. B1

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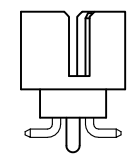
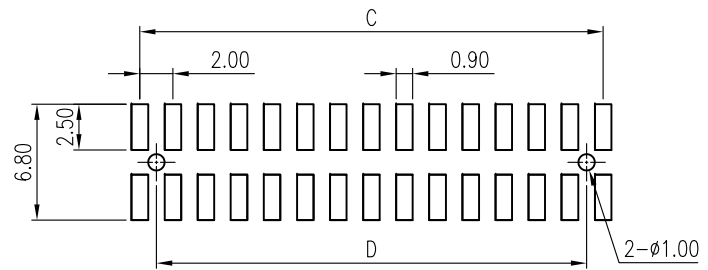
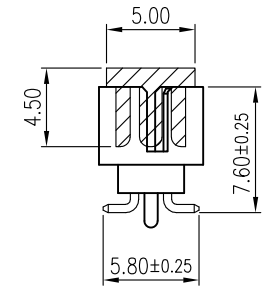
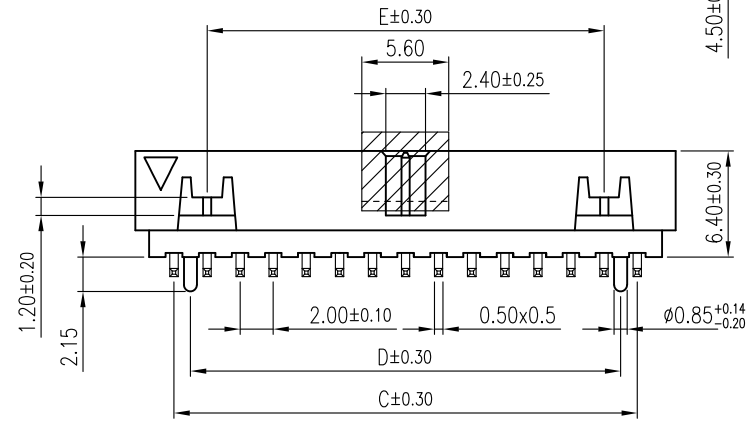
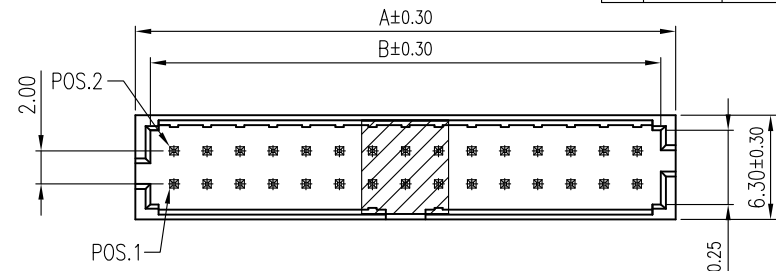
ORIGINAL



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
C	NE-10043	MODIFIED DRAWING	03/22/2010	Roger Tsai
D	NE-10108	HOUSING MATERIAL: LCP--> NYLON 4T	07/16/2010	Roger Tsai
E	NE-12199	ADD PACKING SPECIFICATION	11/02/2010	Roger Tsai
F	NE-13042	MODIFIED PACKING DRAWING	03/26/2013	Roger Tsai
A1	NE-15101	ADDED DIM	08/27/2015	Roger Tsai
B1	NE-18050	ADDED SERIES PACKAGING/ADDED RIB OPTION	05/28/2018	Roger Tsai

NOTES:

- INSULATOR: NYLON 4T, UL 94V-0, COLOR- BLACK
- CONTACT: COPPER ALLOY, SELECTIVE GOLD OVER NICKEL PLATED
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS MATERIALS PER DIRECTIVE 2002/95/EC FOR RoHS.
- PER AMTA PACKING SPECIFICATION **PKS-G823MBXXX21XEU-I**



WITHOUT CAP

PART NUMBER:
G823MB XX X 21 K EU

NO. OF CIRCUIT — X —
 CAP OPTION — K —
 K: WITH CAP, TAPE&REEL PACKAGING

CONTACT FINISH:
 0: FULL TIN
 1: FULL FLASH GOLD
 2: FULL 15µ" GOLD
 3: FULL 30µ" GOLD

RECOMMENDED P.C.B. LAYOUT
 (ALL TOLERANCE ARE ±0.05MM)

PART NUMBER	NO. OF CIRCUIT	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E
G823MB 40 X 21 KEU	40	42.65	40.85	38.00	36.00	34.00
G823MB 34 X 21 KEU	34	36.65	34.85	32.00	30.00	28.00

TOLERANCE	APPROVALS	DATE	TITLE			
X. ±0.30	DRAWN Aqua Chou	05/28/2018	G823 MB SERIES BOX HEADER 2.0MM PITCH, SMT W/ LOCATION POST	UNIT mm	SIZE A3	PART No. G823MBXXX21KEU
X.X ±0.20	CHECKED Karen Su	05/28/2018				
X.XX ±0.10	APPROVED Roger Tsai	05/28/2018				
ANGULAR ±1°	DWG TYPE CUST DWG	PROJECT CODE BHD				
UNLESS OTHERWISE SPECIFIED			SCALE NA	SHEET 3 OF 4	DWG No. G823MBXXX21KEU	REV. B1

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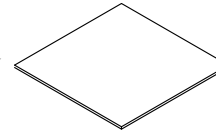


ORIGINAL



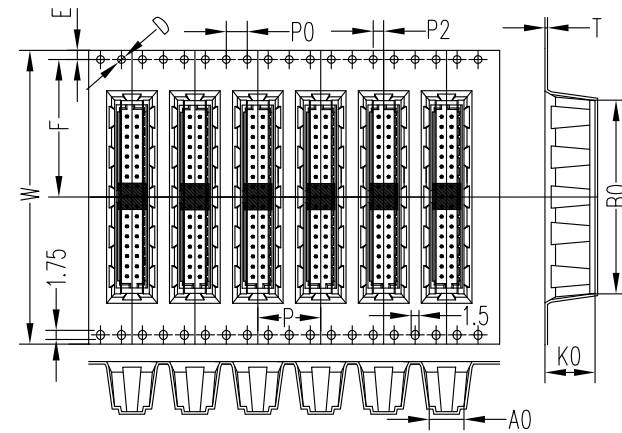
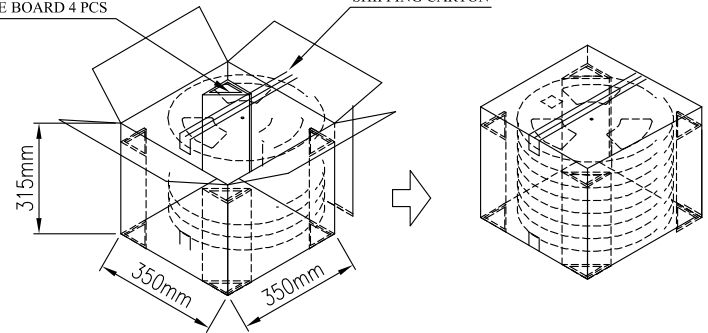
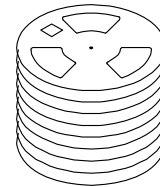
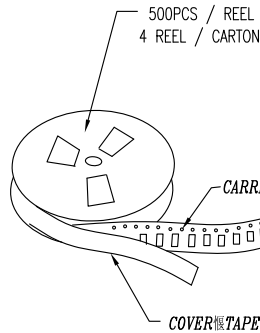
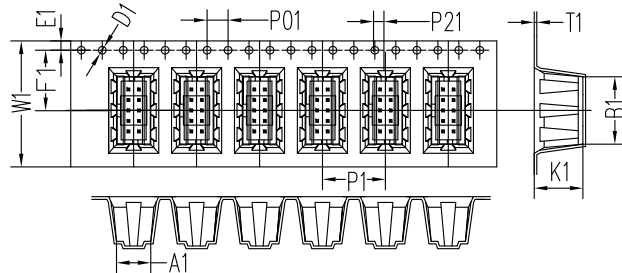
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
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D	NE-10108	HOUSING MATERIAL: LCP--> NYLON 4T	07/16/2010	Roger Tsai
E	NE-12199	ADD PACKING SPECIFICATION	11/02/2010	Roger Tsai
F	NE-13042	MODIFIED PACKING DRAWING	03/26/2013	Roger Tsai
A1	NE-15101	ADDED DIM	08/27/2015	Roger Tsai
B1	NE-18050	ADDED SERIES PACKAGING/ADDED RIB OPTION	05/28/2018	Roger Tsai

PARTITION BOARD 1 PCS

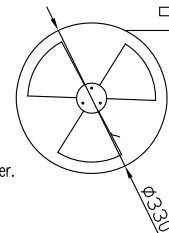
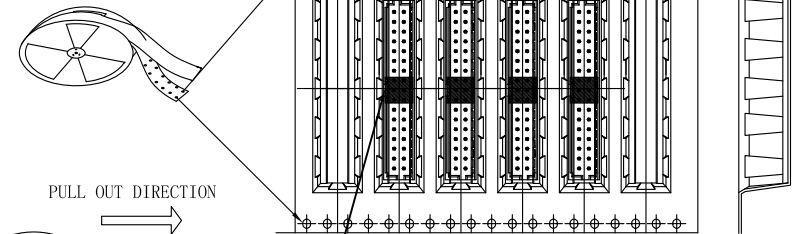
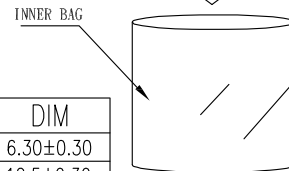


TRIANGLE BOARD 4 PCS

SHIPPING CARTON



ITEM	DIM	ITEM	DIM
A0	6.30±0.30	A1	6.30±0.30
B0	36.6±0.30	B1	12.5±0.30
K0	10.0±0.30	K1	9.60±0.30
E	1.75±0.10	E1	1.75±0.30
F	26.2±0.10	F1	11.5±0.30
P0	4.00±0.10	P01	4.00±0.10
P2	2.00±0.10	P21	2.00±0.10
D	∅1.5±0.10	D1	∅1.5±0.10
T	0.50±0.05	T1	0.50±0.05



PULL OUT DIRECTION

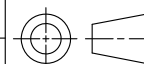
PACKING METHOD
PKS-G823MBXXX21KEU

- Note:
- 1,10 sprocket hole pitch cumulative tolerance±0.20.
 - 2,Carrier camber not to exceed 1mm in 100mm.
 - 3,A0 and B0 measured on a plane 0.3mm above the bottom of the pocket
 - 4,K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
 - 5,ALL dimensions meet eIA-481-3 requirements:
 - 6,±0.2mm unless otherwise noted.
 - 7,Packing length per 13" reel 6.6 Meter

44	72.0	16.0	400	1200
36	56.0	16.0	400	1600
30	56.0	16.0	400	1600
28	44.0	16.0	400	2000
26	44.0	16.0	350	1750
24	44.0	16.0	400	2000
22	44.0	16.0	350	1750
20	44.0	12.0	500	2000
18	44.0	16.0	400	2000
16	32.0	16.0	350	2800
14	32.0	16.0	400	3200
12	32.0	16.0	350	2800
NO. OF CIRCUIT	DIM W	DIM. P	PCS/REEL	PCS/ SHIPPING CARTON

10	24.0	12.0	500	4500
08	24.0	12.0	500	4500
06	24.0	16.0	400	3600
NO. OF CIRCUIT	DIM W1	DIM. P1	PCS/REEL	PCS/ SHIPPING CARTON

TOLERANCE		APPROVALS		DATE	TITLE	Amphenol®		
X.		DRAWN		Aqua Chou	05/28/2018	Amphenol Corporation		
X.X	±0.30	CHECKED		Karen Su	05/28/2018	Amphenol Taiwan Corporation		
X.XX	±0.20	APPROVED		Roger Tsai	05/28/2018	PART No.	G823MBXXX21KEU	
X.XXX	±0.10	UNLESS OTHERWISE SPECIFIED		CUST DWG	BHD	SCALE	2 OF 4	
ANGULAR	±1°	PROJECT CODE		BHD	UNIT	mm	SIZE	A3
		DWG TYPE		CUST DWG	SCALE	NA	DWG No.	PKS-G823MBXXX21KEU
		PROJECT CODE		BHD	SHEET	2 OF 4	REV.	B1



UNIT mm

SIZE A3

SCALE NA

SHEET 2 OF 4

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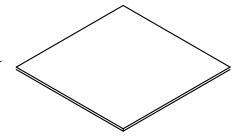


ORIGINAL



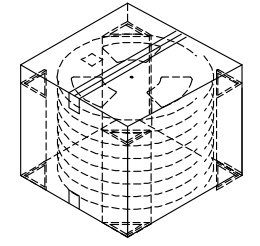
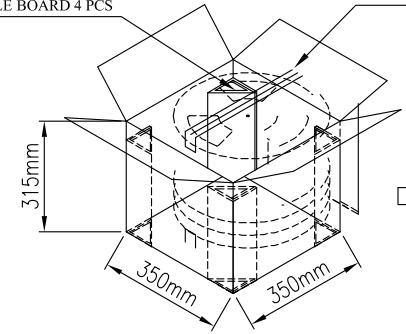
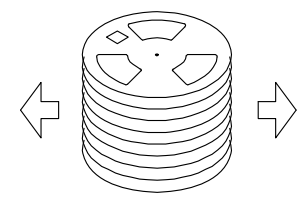
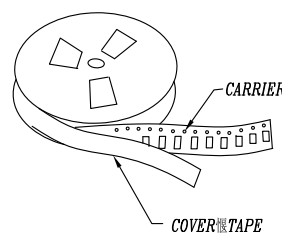
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
C	NE-10043	MODIFIED DRAWING	03/22/2010	Roger Tsai
D	NE-10108	HOUSING MATERIAL: LCP--> NYLON 4T	07/16/2010	Roger Tsai
E	NE-12199	ADD PACKING SPECIFICATION	11/02/2010	Roger Tsai
F	NE-13042	MODIFIED PACKING DRAWING	03/26/2013	Roger Tsai
A1	NE-15101	ADDED DIM	08/27/2015	Roger Tsai
B1	NE-18050	ADDED SERIES PACKAGING/ADDED RIB OPTION	05/28/2018	Roger Tsai

PARTITION BOARD 1 PCS

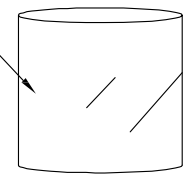


TRIANGLE BOARD 4 PCS

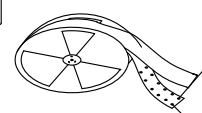
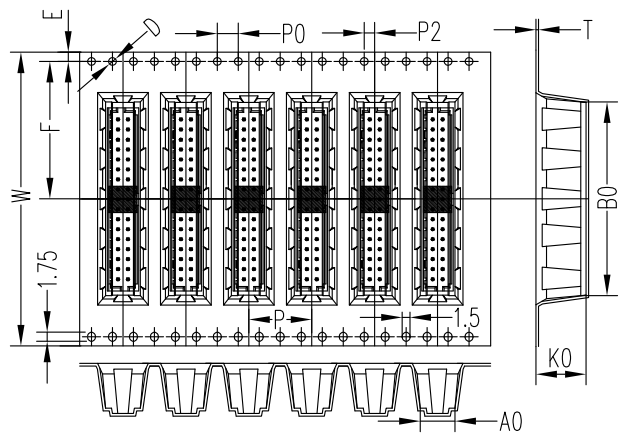
SHIPPING CARTON



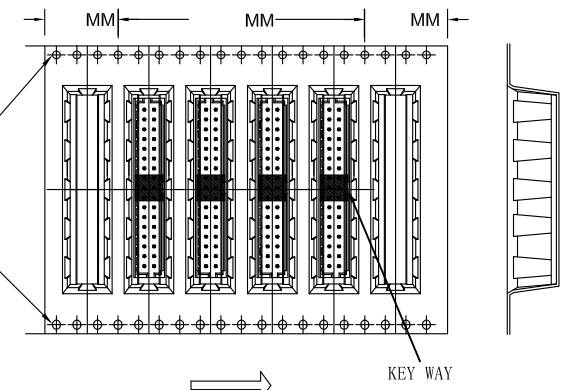
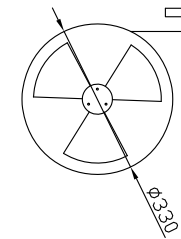
INNER BAG



ITEM	DIM
A0	6.30±0.30
B0	36.6±0.30
K0	10.0±0.30
E	1.75±0.10
F	26.2±0.10
P0	4.00±0.10
P2	2.00±0.10
D	∅1.5±0.10
T	0.50±0.05



PULL OUT DIRECTION



PULL OUT DIRECTION

PACKING METHOD
PKS-G823MBXXX21KEU-I

- Note:
- 1.,10 sprocket hole pitch cumulative tolerance±0.20.
 - 2.,Carrier camber not to exceed 1mm in 100mm.
 - 3.,A0 and B0 measured on a plane 0.3mm above the bottom of the pocket
 - 4.,K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
 - 5.,ALL dimensions meet eIA-481-3 requirements:
 - 6.,±0.2mm unless otherwise noted.
 - 7.,Packing length per 13" reel 6.6 Meter

NO. OF CIRCUIT	DIM W	DIM. P	PCS/REEL	PCS/ SHIPPING CARTON
40	72.0	16.0	400	1200
34	56.0	12.0	500	2000

TOLERANCE		APPROVALS		DATE	TITLE	Amphenol® Amphenol Corporation Amphenol Taiwan Corporation						
X.		DRAWN	Aqua Chou	05/28/2018	G823 MB SERIES BOX HEADER 2.0MM PITCH, SMT W/ LOCATION POST PACKING SPECIFICATION	PART No.		G823MBXXX21KEU				
X.X	±0.30	CHECKED	Karen Su	05/28/2018		UNIT		mm	SIZE	A3		
X.XX	±0.20	APPROVED	Roger Tsai	05/28/2018		SCALE		NA	SHEET	4 OF 4		
X.XXX	±0.10	DWG TYPE		CUST DWG	PROJECT CODE		BHD	DWG No.		PKS-G823MBXXX21KEU-I	REV.	B1
ANGULAR		±1°		UNLESS OTHERWISE SPECIFIED		UNIT		mm	SIZE	A3		

